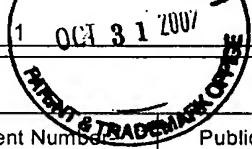


**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1



| | |
|----------------------|---------------------|
| Application Number | 10/673,188 |
| Filing Date | September 30, 2003 |
| First Named Inventor | Hironobu Sai et al. |
| Examiner Name | THAO X LE |
| Attorney Docket No. | 1033022-000010 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|-------------------|------------------------------|--------------------------------|--|---|
| | US-2005/0098786 | 05/12/2005 | Sai et al | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |
| | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Foreign Patent Document | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | STATUS | | | | | | |
|-------------------|--|----------------------------------|---|-------------|------------------------|-----------------------|------------------|------|----------|--------------------------------|
| | Country Code ¹ , Number, Kind Code | | | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | Cited in Spec. / Pg. No(s). |
| | JP1256184 | 10/12/1989 | Takano Shinji | | | | | | X | |
| | JP2002270959 | 09/20/2002 | Takahashi Takashi et al | | | | | | X | |
| | JP2001118841 | 04/27/2001 | Hanabatake Hiroyuki et al | | | | | | X | |
| | JP2231781 | 09/12/1990 | Terui Yoshinori et al | | | | | | X | |
| | JP2002217190 | 08/02/2002 | Susa Kenzo et al | | | | | | X | |
| | JP10194720 | 07/28/1998 | Sugimoto Kensho et al | | | | | | X | |
| | JP9227249 | 02/09/1997 | Inagaki Shinji et al | | | | | | X | |
| | JP8034607 | 02/06/1996 | Maejima Kuniaki et al | | | | | | X | |
| | | | | | | | | | | |
| | | | | | | | | | | |

¹Enter Office that issued the document, by the two-letter code.
NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|---|
| | Japanese Office Action dated August 8, 2007 with English language translation |
| | |
| | |
| | |
| | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.